

**Wyckoff Eagle Harbor Superfund Site  
SSC Ecology – EPA Quarterly Coordination Meeting  
1/31/18  
FINAL Meeting Summary**

**MEETING ATTENDEES**

Cami Grandinetti, EPA	Jim Pendowski, Ecology
Helen Bottcher, EPA	Barry Rogowski, Ecology
Deb Sherbina, EPA	Hun Seak Park, Ecology
	Susannah Edwards, Ecology
	Dawn Hooper, Ecology
	Kate Snider, Floyd Snider

This meeting summary was prepared by Kate Snider and reviewed by all attendees. It is not a full record of the discussion, but a record of key discussion points and action items.

**MEETING AGENDA**

This meeting was the twenty-sixth quarterly coordination meeting held since the execution of the 2012 Superfund State Contract between USEPA and the state of Washington relating to remedial action and operations and maintenance at the Soil and Groundwater Operable Units (OUs 2 and 4) of the Wyckoff Eagle Harbor Superfund Site, Bainbridge Island, WA.

Appendix B of the Superfund State Contract is the “EPA/Ecology Site-Specific Statement of Work for Groundwater Treatment Plant Operations and Maintenance and Focused Feasibility Study Related to Permanent Mass Removal” (SOW). In accordance with the SOW, each quarterly meeting will address two goals:

- 1) Review progress on both Ecology and EPA Tasks defined in the SOW.
- 2) Discuss major schedule adjustment. The SOW states “If delays of more than one month are anticipated for any element [of the Focused Feasibility Study and Proposed Plan], project managers will elevate the matter to their immediate supervisors for discussion.

The meeting agenda included:

1. Progress Review – Ecology O&M Tasks
  - Operational budget and status
    - Budget status
    - Operational status
    - O&M contract
  - Lower aquifer monitoring strategy
2. Progress review – EPA tasks, status, schedule review
  - Staffing Update, CH2M Hill contract status
  - Status and Schedule: Interim ROD Amendment, FFS completion, Response to Comments

- Proposed Construction Packaging – Wall replacement, OU1, OU2/4 – likely timing with Priority Panel
- Status OU2/4 Sheetpile Wall Replacement and Interim Measures
- OU1 Subtidal Cap – OMMP for Subtidal Sediments by Spring 2018
- Public communications

### 3. SSC

- SSC #4 is current through June 30, 2018

## PROGRESS REVIEW – ECOLOGY O&M TASKS

- Budget status
  - Capital budget is in place and effective. \$2.4M for Wyckoff O&M through June 30, 2019. This was very hard to get. Will start building budget for next biennium in the next 4 months. If spending this biennium is at a lesser rate, remaining budget could be reappropriated to next biennium.
  - Helen described that EPA will take back operation of the treatment plant at the time that construction starts on the wall and beach cleanup, as the treatment plant will be needed for construction water management. The wall project is a new start with significant urgency – there is a potential that construction could start in early 2020. When that project is O&F, there may be a period where the treatment plant comes back to Ecology for O&M until the upland remedial action construction starts.
  - EPA and Ecology can discuss the most effective methods for handing back and forth responsibility for O&M. During periods where plant operation is EPA's responsibility, it may be appropriate for Ecology and their contractor to provide the O&M with funding from EPA, or putting O&M costs towards match.
  - Ecology will make a budget request for 2019-2020 biennium assuming Ecology payment for O&M. If there is EPA construction during that timeframe, those funds could be reappropriated.
- O&M contract
  - CH2M Hill is under contract for O&M through June 30.
  - Ecology will be issuing an RFP soon for a new O&M consultant selection. The contract will be a 2 year contract with 3 potential 2 year extensions (potential 8 years total).
  - RFP is expected to be let the second week of March, with contracting completed by the beginning of June to allow a 1 month overlap with CH2M Hill for training.
- Operational status
  - After summer maintenance shutdown, system has been on line since 9/8, and has been running with no issues of concern since then. There were two short shutdowns for freezing and wind consistent with the OMMP.
  - Ecology plans a full carbon change out soon, the last carbon changeout was 10/2016.

- Brush removal has been completed (EPA contract). During brush removal some cables from the MWs were damaged – repair was completed but transducer recalibration is needed soon. EPA will pay for recalibration, and will task CH2M Hill to get it done.
- Discharge effluent is within permit limits.
- Hydraulic containment for Q4 2017 was generally good – 85%, meeting criteria.
- Helen will be contracting for electrical upgrades this year.
- Lower aquifer monitoring strategy
  - EPA has scope with CH2M Hill for 2 more events. Next event planned for May. Goal to monitor at similar times of the year each event.

### **PROGRESS REVIEW – EPA TASKS**

- Staffing – no recent changes. Helen as PM, with Cami as policy lead. No new Unit Manager has been assigned, Cami will continue working closely on the project.
- EPA contract with CH2M Hill has been extended through 8/2019, and it is unlikely it will be extended further. Working on a current amendment to add scope and fee to handle separating the ROD Amendment into two separate documents.
- EPA is planning to separate the ROD Amendment into two:
  - #1: Beach remediation and wall replacement – these are critical issues with ongoing human exposures, and urgency for wall repair. Helen will also consider adding the access road (and some other common elements?) to this ROD Amendment. This will likely be signed at the regional director level.
    - There is existing funding for design of the wall and beach work
    - Construction funding will be requested for 2019. Construction could start in late 2019, or early 2020. This does not need to go in front of the Priority Panel.
  - #2: Upland remedy for OU2/4, and everything else.
    - Likely to Priority Panel in November 2018
  - Cami and Helen are working out the specifics of the split.
  - Initial pre-review of components by Ecology will be coordinated between Helen and Hun Seak.
  - Cami would like to see ROD Amendment #1, with Ecology concurrence letter, completed soon – optimally by early March.
  - EPA will provide Ecology a response to Ecology's comment on the proposed plan, prior to requesting concurrence letter for ROD Amendment #1.
  - When a ROD Amendment is completed, there will be public notice, with fact sheet. Need to describe decision to split, and commitment to the whole.
- Wall replacement design is moving forward with ACOE. Key question regarding material choice (steel, reinforced concrete, other). Wall will be exterior to existing wall. EPA desires a 100-year design life. Ecology raised question re: how will wall design affect beach hydrodynamics? EPA is planning to move into new wall construction quickly enough that interim measures will not be necessary.

- Beach design could start soon – through ACOE or CH2M Hill. Helen to determine. If CH2M Hill can do the work as a task order under existing contract that would likely be best. There is pipeline money in place to fund the design.
  - Beach design team could also design needed mitigation for wall construction?
  - EPA will initiate consultation with the tribes about the beach design and construction – EPA prefers to do the beach construction at daylight low tides in the summer.

### **OU-1 SUBTIDAL CAP**

- Susannah and Hun Seak are working on draft OMMP elements: no-anchor signage and bouys, physical stability and cap thickness, potential chemical characterization.
- Need to discuss frequency, density and methods with EPA.
- EPA encourages Ecology to develop a very cost effective and basic program focused on physical stability and cap thickness – EPA used a subsurface camera method for this (video coring) – Helen will get the information and costs on that method to Ecology. Chemical monitoring may not be necessary.
- EPA is interested in transferring the OU1 Subtidal capped area to Ecology for O&M fairly soon. This is also important when describing site progress to EPA headquarters.
  - Ecology does not currently have funding for O&M. Need to reach closure on OMMP and estimate to determine requirements.
  - Ecology is concerned about uncapped area near the West Dock where there are significant CPAH exceedances of bioaccumulative criteria.
  - EPA proposes to evaluate the full area to determine SWAC relative to bioaccumulative risk.
  - Ecology also noted that the West Dock vicinity may be the location of further action for piling removal.
- Ecology requested EPA prepare a map of the specific area that EPA would propose to transfer to Ecology responsibility, potentially carving out the West Dock area.

### **SSC DOCUMENTS**

- SSC is in place through June 30.
- At the March quarterly meeting, discuss whether the SSC needs to be updated to be sufficient to support Ecology match for the work to be done under ROD Amendment #1.
  - Helen will ask EPA counsel to look at the existing language and determine whether sufficient as is.

### **PUBLIC COMMUNICATIONS**

- All future public inquiries should be handled by EPA. If calls come into Ecology asking about the remedial actions, Ecology will refer them to EPA.

### **FUTURE MEETINGS**

- March 14 – without Jim or Cami

- June 6 – with Jim and Cami